

## REMARKS

Claim 4 has been amended to change the word “transmitted” to “exchanged” and to change the words “modulator activation signals” to “activation signals” in order to be consistent with claim 1.

Claim 6 has been amended to clarify the claim language relating to the first and second detectors.

Claim 8 has been amended to change the words “modulator activation signal” to “activation signal” to make the claim terminology more consistent.

Claim 9 has been amended to spell out the acronym “quantum key distribution” and to use the word “signals” instead of the word “pulses” in order to make the claim language consistent.

Claim 11 has been amended to correct several typographical errors.

Claim 12 has been amended to clarify the claim language relating into the change in the detector counts.

CONCLUSION

Entry and acceptance of the amendments to the claims is earnestly requested.

The Examiner is encouraged to contact Applicant's undersigned attorney in connection any issues that may arise in connection with the examination of the present Application.



Joseph E. Gortych

Reg. No. 41,791

Date: June 22, 2009

Correspondence Address (Customer #53590)

Opticus IP Law, PLLC  
7791 Alister Mackenzie Dr.  
Sarasota, FL 34240

Phone.....941-378-2744

Fax.....321-256-5100

e-mail.....jg@opticus-ip.com